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HMP5020

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# User manual

PHILIPS

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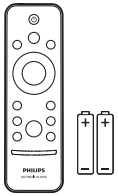
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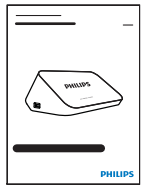
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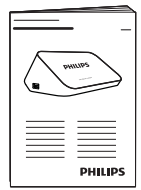
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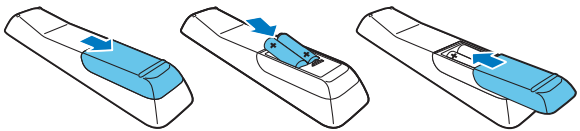
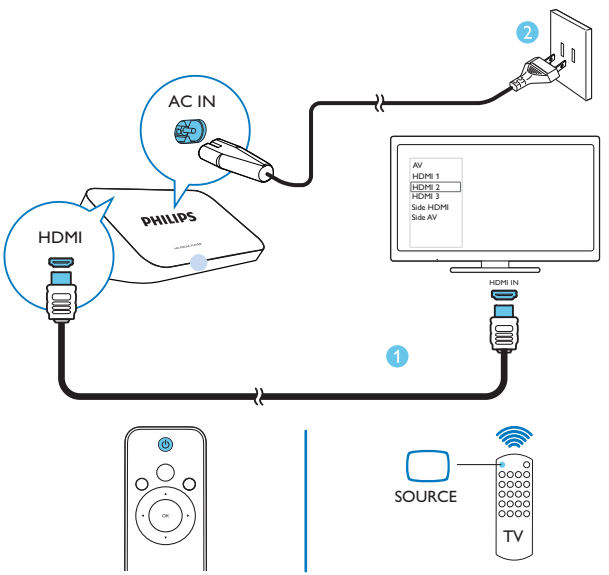


## 开机　Switch on




中文　按 ⏻ 开机。 白灯亮起。
再按 ⏻ 关机。红灯亮起

EN　Press ⏻ to switch on. The indicator lights up white.
Press ⏻ again to switch off. The indicator lights up red.

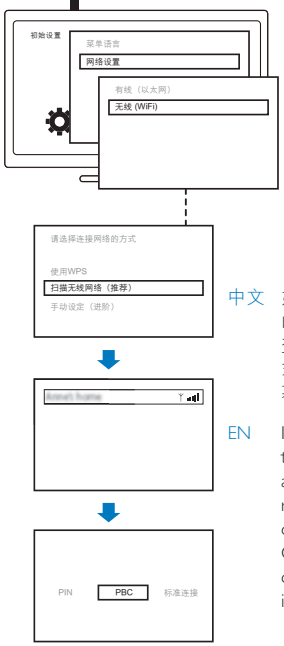
中文　在电视机遥控器上，使用信号源键选择HMP5020的HDMI输入频道。

EN　On the remote control of the TV, use the source button to select the HDMI input channel of HMP5020.

中文 通过Wi-Fi接入
EN Connect through Wi-Fi

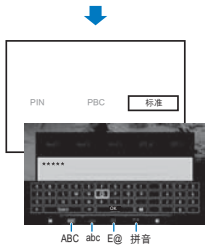
中文 在初始设置屏幕，选择**网络设置** > **无线**(Wi-Fi)。 选择**扫描无线网路**搜索范围内的网络。选择所需网络。按网络提示完成Wi-Fi连接。

EN On the screen of initial setup, select **Network Setup** > **Wireless** (Wi-Fi). Select **Scan Wi-Fi** to search for networks in range. Select a network. Follow onscreen instructions to complete Wi-Fi connection.




中文 如果你选择**PBC**方式,将HMP5020加入你的路由器：如在 路由器上按住PBC键（查看你的路由器用户手册上的使用方式）。在HMP5020上,当连接完成时，屏幕显示信息。

EN If you select **PBC**, add HMP5020 to the router: for example, press and hold the PBC button on the router (consult the user manual of your router for information). On HMP5020, a message is displayed when the connection is complete.

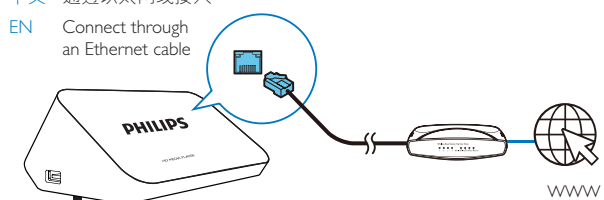



中文 如果你选择**标准**，输入密码。 在遥控器上，按 ⏮ ⏭ 选择输入模式。输入文本时，按 ▲ ▼ ◀ ▶ OK 选择屏幕键盘上的按键。完成文本输入时，在屏幕键盘上选择 **OK**。

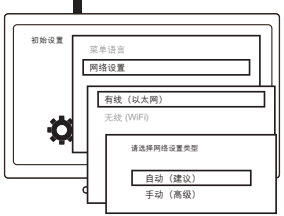
EN If you select **Standard**, enter your password. On the remote control, press ⏮ ⏭ to select an input mode. To enter text, press ▲ ▼ ◀ ▶ OK to select a key on the onscreen keyboard. To complete text entry, select **OK** on the onscreen keyboard.

中文 通过以太网线接入

EN Connect through an Ethernet cable




HDMI



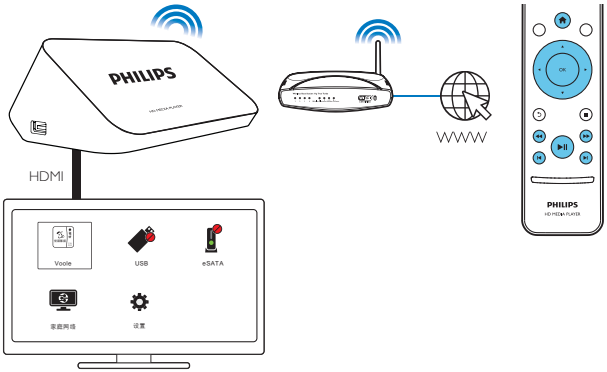

中文 在初始设置屏幕，选择**网络设置** > **有线(以太网)**。 选择**自动(建议)**自动获取IP地址。按网络提示完成连接。

EN On the screen of initial setup, select **Network Setup** > **Wired (Ethernet)**. Select **Auto (Recommended)** to acquire auto IP. Follow onscreen instructions to complete connection.

# 优朋影视

## 优朋影视：播放网络电视

## Voole: Play from the online service

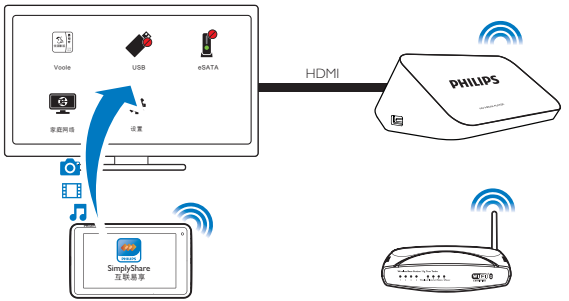



中文　再次开启HMP5020时，该机自动接入上次接入的网络。当HMP5020接入Wi-Fi无线网络时， 变为 。
从主屏幕上， 选择**优朋影视**。使用遥控器选择搜索、播放选项。

EN　Next time you switch on HMP5020, the device connects to the previously connected network. changes to .
From the Home screen, select **Voole.** Use the remote control to select search and play options.

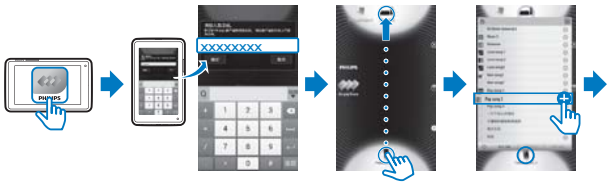
# 互联易享：播放飞利浦安卓设备上的视频、照片

# SimplyShare: Play from Philips Android devices




中文　确定你已将飞利浦安卓设备接入HMP5020所在的同一网络。

EN　Make sure that you have connected your Philips Android device to the same network as HMP5020.




中文　在你的飞利浦安卓设备上，启动 。首次使用时，输入激活码。

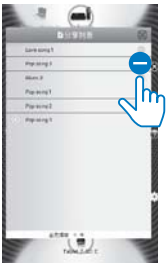
将你的飞利浦安卓设备拖入HMP5020。

选择你的飞利浦安卓设备。点击 + 加入通过HMP5020播放的媒体文件。

EN　On your Philips Android device, launch . Enter the activation code for your first-time use.

Drag your Philips Android device to HMP5020.

Select your Philips Android device. Tap + to add media that you want to play through HMP5020.

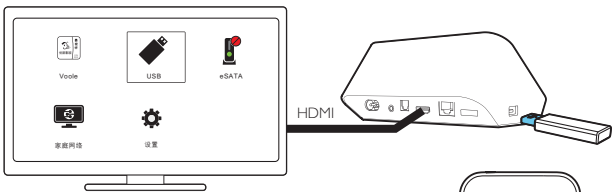


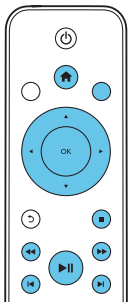
中文 在飞利浦安卓设备上操控媒体播放时，选定该安卓设备。左、右滑动选择播放控制屏幕或播放列表（选定的媒体文件）

EN To control media play on the Philips Android device, select the Android device. Swipe left/ right to switch between the playback controls panel and the playlist of selected media files.

中文 从USB存储设备上播放

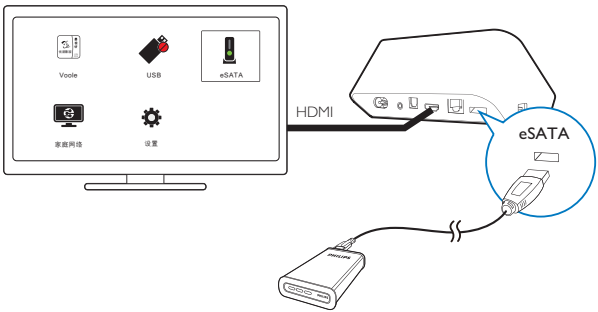
EN Play from a USB mass storage device




中文 从带eSATA接口的硬盘上播放

EN Play from a hard disk drive with a eSATA connector



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# 1 Safety and notice

Read and understand all instructions before you use this product. If damage is caused by failure to follow the instructions, the warranty does not apply.



## Safety

This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering.

The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.
CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)
Only use attachments/accessories specified by the manufacturer.
The product shall not be exposed to dripping or splashing.
Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

**Warning**

- Never remove the casing of this product.
- Never lubricate any part of this product.
- Never place this product on other electrical equipment.
- Keep this product away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the product from the power.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

# Compliance

Class II equipment symbol:

CLASS II apparatus with double insulation, and no protective earth provided.

- Use this product in the areas of an altitude of no more than 2000 meters only.

**Note**

- The type plate is located on the bottom of the product.

# Copyright

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

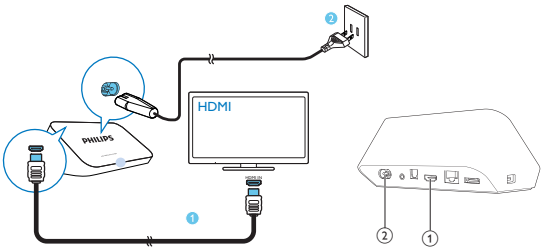


# Warranty

- Never attempt to repair the product, this could lead to the risk of injury, damage to the product and will void your warranty.
- Use the product and accessories only as intended by the manufacturer. The caution sign printed on the back of the product indicates risk of electric shock.
- Never remove the cover of the product. Always contact Philips Customer Support for service or repairs.
- Any operation expressly prohibited in this manual, or any adjustments and assembly procedures not recommended or authorized in this manual shall void the warranty.

# 2 Basics

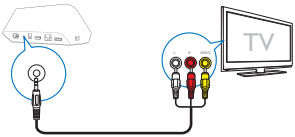
## Connect




① **HDMI connector for audio/ video output**
- Connects to a high-definition TV (HDTV) through an HDMI cable

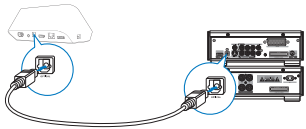
② **Power connector**
- Connects to power supply through the AC power cord

**To connect to a TV through AV cables**




- Through **AV**, use the supplied AV cable to connect **HMP5020** to a TV.
- Make sure that the plugs and sockets match in color.

For high quality audio



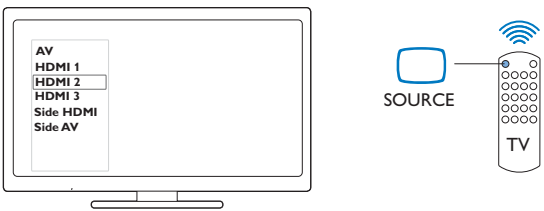
- Through **OPTICAL**, use a fiber optical cable to connect **HMP5020** to the **OPTICAL** or **SPDIF** input connector on an audio/video system.



## Switch on or off

1 On **HMP5020**, press ⏻ on the remote control to switch on.
↳ The power indicator lights up white.

2 On the TV, switch to the input source of **HMP5020**:
- On the remote control of your TV, use the source button to select the input channel of **HMP5020**.



3 To switch **HMP5020** to standby mode, press ⏻ again on the remote control.
↳ The power indicator lights up red.

### Auto standby

From the Home screen, switch on **[Automatic Standby]**in**[Setup]** > **[System]**.
If there is no button press or media play on **HMP5020** for 15 minutes, **HMP5020** switches to standby mode automatically.

### Screen saver

From the Home screen, go to**[Setup]** > **[System]** to switch on **[Screen Saver Delay]**
If there is no button press or media play on **HMP5020** for a selected time duration, the screen saver is activated. To exit the screen saver, press any button on the remote control.

## Use the remote control

**Switch HMP5020 on or to standby mode**

- Press ⏻

**Navigate between screens or through options**

🏠

- Return to the Home screen
- Navigate through options

OK

- Confirm the option

↩

- Back one level or exit (except in some online services)

**View options menu for media play or file navigation**

- Press ☰ OPTIONS

**Control the play**

▶❚❚

- Start, pause, or resume the play

■

- Stop the play

⏮ / ⏭

- Skip to the previous/ next media file

◀◀ / ▶▶

- Search backwards or forwards within current file
- Press repeatedly to select a search speed

▲ / ▼

- Rotate a photo

INFO

- Display the information about current file during play

- Press repeatedly to select aspect ratio, or zoom in or out. To pan through an enlarged photo, press ▲▼◀▶.

SUBTITLE

- Access subtitle options

**Remove the connected USB device safely**

- Press and hold ■ and select the option

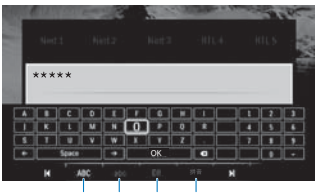
**Manage files/folders underon the connected storage devices**

- Press **EDIT**



## Enter text

With the onscreen keyboard, use the remote control to enter text.




**Select input modes**

- Press ⏮ / ⏭ on the remote control.
  - ↳ On the onscreen keyboard, current input mode is highlighted.

    **ABC** : English input in upper case
    **abc** : English input in low case
    **E@** : symbols
    **拼音** : Chinese Pinyin input

Enter text

1 On the remote control, press ▲▼◀▶ to move to a key, press **OK** to select the letter or symbol.

2 On the onscreen keyboard, select the input options by using the remote control:
← / →: Move the cursor to the left or right.
⌫: Delete the entry before the cursor.

3 When the text entry is complete, select **OK** on the onscreen keyboard to exit.

# 3 First-time setup

First-time setup

The first time you use **HMP5020**, do the following setup:

- In **[Menu Language]**, select the menu language on **HMP5020**;
- In **[Network Setup]**, connect **HMP5020** to your home network through Wi-Fi or an Ethernet cable.

To exit the setup screen,

- On the remote control, press ⌂.
  ↳ You enter the Home screen.

To change your setup options,

- From the Home screen, go to ✿ **[Setup]**.

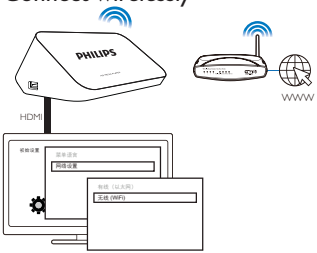
## Connect to your home network

Connect **HMP5020** to a router (Access Point) wirelessly or through an Ethernet cable. You can connect **HMP5020** to the network that is built around the router. To connect to the Internet, make sure that the router connects to the Internet directly and no dial-up is required on the computer.

Note

- If MAC address filtering is enabled on your router, add the MAC address of **HMP5020** to the list of allowed devices. To find the MAC address, go to ⚙ > **[Network Setup]**> **[Network Info]** from the Home screen.

## Connect wirelessly




1 The first time you connect **HMP5020** to power, select **[Network Setup]** > **[Wireless (Wi-Fi)]** on the first-time setup page.
   ↳ A pop-up screen is displayed for you to select connection options.

2 On the pop-up screen, select **[Scan Wi-Fi (Recommended)]**.
   ↳ You can find a list of networks in range.
   - To refresh the list of networks, press **EDIT** on the remote control.

3 Select your network.

4 Select your connection option: **PIN**, **PBC**, or **[Standard]**.
   ↳ A message is displayed when the connection is complete.
   ↳ Next time you switch on **HMP5020**, **HMP5020** connects to the previously connected network automatically.
   ↳ When **HMP5020** is connected to Wi-Fi, changes to on the Home screen.

English

Tip

- If you have disabled SSID broadcasting or hidden the Service Set Identifier (SSID) of the router, manually enter the SSID and password of the network. Go to **[Wireless (Wi-Fi)]** andselect **[Manual (Advanced)]**.

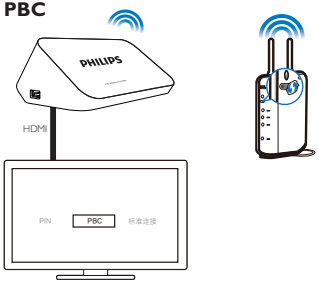
### One-touch Wi-Fi Protected Setup (WPS)

**HMP5020** supports Wi-Fi Protected Setup(WPS). You can quickly and securely connect **HMP5020** to a wireless router that also supports the WPS.
You can select one of the two setup methods: **PBC (Push Button Configuration)**, or **PIN (Personal Identification Number)**.

Tip

- Wi-Fi Protected Setup(WPS) is a standard created by Wi-Fi Alliance for easy establishment of secure wireless home network.

**PBC**




1 On the router, add **HMP5020**:
   - Consult the user manual of the router to learn how to add a WPS device to the router. For example:
     press and hold the WPS push button.
     ↳ The router starts to search for **HMP5020**.

2 On **HMP5020**, select **PBC**.
   ↳ On **HMP5020**, a message is displayed when the connection is complete.

**PIN**

1 Write down the PIN that is displayed on **HMP5020**.

2 On your PC, enter the PIN on the router setup page:
- Consult the user manual of the router to learn how to enter the PIN of the router.

3 On **HMP5020**, select **PIN**.

**Standard connection**

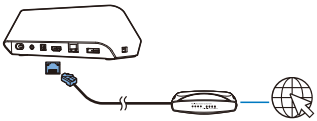
1 On **HMP5020**, select **[Standard]**.

2 On the pop-up screen, enter the password to the network (see "Enter text" on page 19).

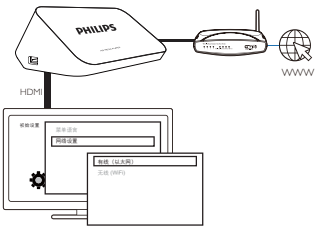


## Connect through an Ethernet cable

1 Use an Ethernet cable to connect **HMP5020** to the router.



2 The first time you connect **HMP5020** to power, select **[Network Setup]** > **[Wired (Ethernet)]** on the first-time setup page.
↳ A pop-up screen is displayed for you to select connection options.




To use an IP address that the router assigns automatically,
- Select **[Auto (Recommended)]**.

↳ **HMP5020** starts to acquire an IP address.

↳ A message is displayed when the connection is complete.

Tip

- If the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router, manually enter the IP address of the player.

**To enter the IP address of the player manually,**

1 Get the IP address of the router.
   - Consult the user manual of the router; or
   - To check for the settings of the router, enter the IP address (for example, 192.168.1.1) in the web browser (for example, Internet Explorer) of the computer. Get the information in the setup page.

2 On **HMP5020**, select **[Manual (Advanced)]**, and assign the IP address manually.

   ① **On the player, enter an IP address that allows the player to be in the same subnet as the router.**
   For example, if the router has
   IP address: 192.168.1.1, Subnet mask: 255.255.255.000;
   Then, enter the following on the player:
   IP address: 192.168.1.XX (where XX denotes a number), Subnet mask: 255.255.255.000.

# 4 Play

On the HDTV, enjoy media play from

- the online service (Voole),
- a DLNA-compliant device on your home network,
- a USB mass storage device, or
- a hard disk drive with the eSATA connector.

## Play from online services

Connect **HMP5020** to the Internet. You can enjoy online services on the HDTV.



Note

- Koninklijke Philips Electronics N.V. bears no responsibility for content provided by Net TV service providers.

### Play from Voole

1 On the Home screen, select **Voole**.
↳ The Home screen of **Voole** is displayed.

2 Use the remote control to select your options.

**Search for videos by category**

1 Go to the Home screen of **Voole**.

2 On the left pane, press ▲ / ▼ and **OK** on the remote control to select a category.
- If necessary, press ◀ repeatedly to go back to the left pane.
  ↳ Videos under the category are displayed.

3 Press ▶ to search for videos under the category:
- Press ⏮ / ⏭ to move to the previous or next page;
- Press ▲▼◀▶ and **OK** to select a video.

To return to the previous screen,
- Press ↩ on the remote control.

**Search for videos by keyword**

1 Go to the Home screen of **Voole**.

2 On the left pane, press ▲ / ▼ and **OK** to select 🔍.

↳ The onscreen keyboard is displayed.

3 Enter your keyword on the onscreen keyboard (see "Enter text" on page 19).

**Select play options**

During video play, do the following to select play options:

- Press ▶❚❚ to pause or resume play.
- Press ■ to stop play.
- Press ◀◀ / ▶▶ to fast forward or rewind; To select a speed, press ◀◀ / ▶▶ repeatedly.

## Play from your home network

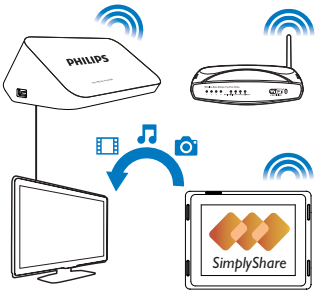
Connect HMP5020 to your home network through Wi-Fi or an Ethernet cable (see "First-time setup" on page 20).

With **HMP5020**, you can play media from a DLNA-compliant device on the same network. In this way, you can enjoy the media play through the HDTV that you connect to **HMP5020**.

The DLNA-compliant device can be:

- a Philips Android device that runs **SimplyShare**, such as an Android tablet;
- a computer or device that runs the software of DLNA media server, such as Windows Media Player 11 or later.

### Play media from a Philips Android device



**Play media from the Android device**

1 Make sure that you have connected **HMP5020** tothe same Wi-Fi network as your Philips Android device.

2 On the Philips Android device, go to SimplyShare:

① If necessary, go to Google Play or HiMarket to search for, download, and install SimplyShare.

② The first time you launch SimplyShare, enter the activation code as prompted.

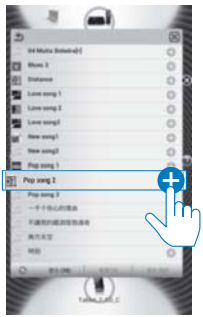
③ Find your Philips Android device and HMP5020.

3 Select **HMP5020** as the media player:

- Drag your Philips Android device to **HMP5020**.

4 On the Philips Android device, find the media files that you want to play:

- Tap the icon of the Philips Android device.
  - ↳ You can find the music, photos, and videos that you store under the following folders on the device: **Music**, **Pictures**, and **Movies**.
  - ↳ You can also find the photos and videos that you take or record on the device.



5 Add media to the shared list:

- Tap **+** on the media file.

↳ You play the selected files on **HMP5020**.

**Control the media play remotely**

On your Philips Android device, you can control the media play on **HMP5020**.

- During media play, swipe left/right on the screen to switch between the play screen and the shared list:

On the play screen,

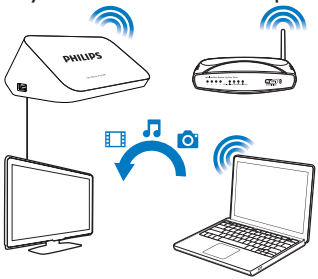
- Tap icons to select play options:

| | |
|---|---|
| ❚❚ / ▶ | Tap to pause/resume play. |
| ■ | Tap to stop play. |

On the shared list,

- Tap — to remove the media file from the shared list.
- Tap a media file to start play.

### Play media files from a computer (DLNA)




1 Make sure that you have connected **HMP5020** and the PC to the same network.

2 On the PC, launch the software of DLNA media server. Enable the media sharing function.
For example, in Windows Media Player 11, do the following:

① **Select Library > Media Sharing ...**

② **Select the check box next to Share my media to:**
↳ If **HMP5020** is detected, you can find the name of **HMP5020** in the device list.

③ **If necessary, select the playerandclick Allow.**

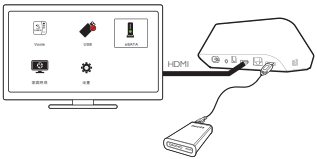
3 On the Home screen of **HMP5020** , select .
- To browse the media files by folder, go to **[Shared Folder]**.
- To browse the media files as sorted in the DLNA media server, go to **[Shared Media Files]**.

4 Use the remote control to search for and play media files on **HMP5020**.

## Play from a mass storage device

Through the HDTV, play media from a mass storage device that you connect to **HMP5020**. The mass storage device can be:
- a USB mass storage device, or

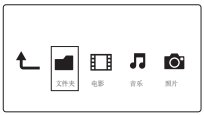
- a hard disk drive with the eSATA connector.




1 Connect your mass storage device to **HMP5020**:
- For a USB mass storage device, connect to ⇠ on **HMP5020**.
- For an eSATA hard disk drive, connect to **eSATA** on **HMP5020**.

2 On the Home screen, select **USB** or **eSATA**.
↳ Media files are sorted as follows:

**[Folder]**: Display all the files/ folders.
**[Movies]**: Display movie files.
**[Music]**: Display music files.
**[Photos]**: Display photo files.




3 Select a file to start play.

## Search for media files

- In the list of files or folders, press ☰ **OPTIONS** to select your options:
  In **[Folder]**:
  **To display files in different views,**
  - Select **[Thumbnails]**, **[List]**, or **[Preview]**.

  **To show files by media type,**
  - Select**[All Media]**, **[Movies]**, **[Photos]**, or**[Music]**.

English

In **[Movies]**, **[Music]**,and **[Photos]**:

**To search for a file by keyword,**

- Select**[Search]**. Enter the keyword on the onscreen keyboard.

**To sort files in different ways,**

- Select **[Sort Order]**.

**To go to the folder view,**

- Select **[Go to Folder]**.

## Select play options

1 During play, press **OPTIONS** on the remote control.

2 Press ▲▼◄► to select an option. Press **OK** to confirm.

**For videos,**

**[Subtitle]**: Select a subtitle language

**[Audio]**: Select an audio language.

**[GOTO]**: Skip to the specific time, title, or chapter.

**[Repeat Title]**: Repeat current title.

**[Repeat All]**: Repeat the movie file.

**[Repeat Off]**: Switch off the repeat mode.

**[Video Setting]**: Select display options.

**For music,**

**[Repeat Off]**: Switch off the repeat mode.

**[Repeat One]**: Repeat current file.

**[Repeat All]**: Repeat all the flies.

**[Shuffle Loop]**: Play all the files in random order.

**For photo slideshow,**

**[Slide Timing]**: Set the time interval before one slide switches to another.

**[Slide Transition]**: Set the transition mode between two slides.

**[Repeat Off]**: Switch off the repeat mode.

**[Repeat All]**: Play photos in current folder repeatedly.

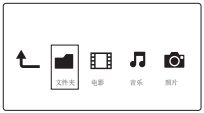
**[Shuffle Loop]**: Play photos in current folder in random order.

**[Background Music]**: Play a music file during the slideshow.

**[Video Setting]**: Select display options.

## Manage files

On **HMP5020**, select **USB** or **eSATA** on the Home screen. Go to **[Folder]**, and you can manage files on the connected USB storage device.




**Copy or move files and folders**

1 In **[Folder]**, select a file or folder in the list of files/ folders.
To select multiple files,

① On the remote control, press EDIT.
↳ A list of options is displayed.

② Select [Multiple Select].
↳ A file list is created for you to add files or folders.

③ Press ▲ / ▼ to select a file or folder. Press ▶❚❚ to confirm.

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Copy]** or **[Move]**.

4 Select a folder as the destination. Press ▶❚❚ to confirm.
↳ The selected files or folders are copied or moved to the destination.

**Delete files and folders**

1 Follow Step 1-3 under "Copy or move files and folders" (see "Copy or move files and folders" on page 33).

2 On the pop-up list of options, select **[Delete]**.
↳ The selected files or folders are deleted.

**Rename files and folders**

1 In **[Folder]**, select a file or folder in the list of files/ folders.

2 On the remote control, press **EDIT**.

3 On the pop-up list of options, select **[Rename]**.

4 On the pop-up onscreen keyboard, edit the file/ folder name (see "Enter text" on page 19).

**Create music playlists**

You can create playlists for music files you want to play together.

1 In **[Folder]**, select music files.

① On the remote control, press EDIT.
↳ A list of options is displayed.

② Select [Multiple Select].
↳ A file list is created for you to add files.

③ Press ▲ / ▼ to select a file. Press ▶❚❚ to confirm.

2 On the remote control, press EDIT.
3 On the pop-up list of options, select [Save Playlist].
4 Name the playlist as needed.
↳ A music playlist is created.

**Create photo albums**

You can create photo albums for picture files.

1 In [Folder], select picture files.

① On the remote control, press EDIT.
↳ A list of options is displayed.

② Select [Multiple Select].
↳ A file list is created for you to add files.

③ Press ▲ / ▼ to select a file. Press ▶❚❚ to confirm.

2 On the remote control, press EDIT.
3 On the pop-up list of options, select [Save Photo Album].
4 Name the photo album as needed.
↳ A photo album is created.

# 5 Setup

You can change the setup options of HMP5020.

1 On the Home screen, select ✲ [Setup].
• If necessary, press ⌂ on the remote control to go to the Home screen.

↳ The setup menu is displayed.

2 Press ▲▼◀▶ to select an option. Press **OK** to confirm the option.
- Press ↩ to return to the upper-level menu.



## System

**[Menu Language]**: Select the language for onscreen menus.
**[Subtitle]**: Select the subtitle language for videos.
**[Screen Saver Delay]**: Enable the screen saver when **HMP5020** is in the idle mode for a selected time span, for example, in pause or stop mode. To exit the screen saver mode, press any key.
**[Automatic Standby]**: Switch **HMP5020** to standby mode when there is no button press or media play on **HMP5020** for 15 minutes.
**[Product Network Name]**: Edit how **HMP5020** isdiscovered by name in your home network.
**[Request to Resume Play]**: Allow you to select whether to resume video play from the last stop position.
**[Reset Factory Defaults]**: Restore factory settings.

## Audio

**[HDMI Audio Mode]**: Select audio output for the HDMI connector.
**[Optical output]**: Select audio output for the **OPTICAL** connector.
**[Lip Sync]**: Synchronize audio with video play.

## Video

**[Aspect Ratio]**: Select display aspect ratio.
*__[TV System]__: Select the video resolution that your TV supports. See your TV manual for details.
**[Video Zoom]**: Zoom in or out video scenes.
*__[1080P 24Hz]__: Use 1080p 24 Hz for video output, where 1080p 24 Hz denotes the resolution and frame rate.

**[Deep Color]**: Display colors with more shades and hues when the video content is recorded in Deep Color mode and the TV supports this feature.

Note

- *If the video resolution is incompatible with your TV, you can see a blank screen. To recover the display, wait for 10 seconds.

## Network

**[Wired (Ethernet)]**:Connect to the network through an Ethernet cable.
**[Wireless (Wi-Fi)]**: Connect to a Wi-Fi network.
**[Network Info]**: Display current network status, such as the MAC address, and current IP address and subnet mask.

# 6 EasyLink

**HMP5020** supports Philips EasyLink which uses the HDMI CEC (Consumer Electronics Control) protocol. You can use a single remote control to control EasyLink compliant devices that are connected through HDMI.

1. Through HDMI, connect **HMP5020** to a TV compliant with the HDMI CEC protocol.
2. On the TV, switch on the functions to allow HDMI CEC operations (Consult the user manual of the TV).
3. On **HMP5020**, switch on **[Easy Link]**.
   - On the Home screen, select **[Setup]** > **[Easy Link]**. Select **[On]**.
4. In **[Easy Link]**, you can select the following options:

**[One Touch Play]**
When you start play on **HMP5020**, the TV switches to the HDMI input channel automatically.

**[One Touch Standby]**
When you switch the TV to the standby mode, **HMP5020** switches to the standby mode automatically.

**[Auto Power On From TV]**
When you switch to the input channel of **HMP5020** on the TV, **HMP5020** can switch on automatically from the standby mode.

Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.



# 7 Update the firmware of HMP5020

In ✿ **[Setup]** > **[Software Upgrade]**, switch on **[Auto Upgrade Reminder]**.
You can receive a reminder when firmware updates are available and you have connected **HMP5020** to the Internet.
Before you update the firmware, check current the firmware version of **HMP5020**.
Go to ✿ **[Setup]** > **[Software Upgrade]** > **[Version Info.]**.

## Update the firmware through the Internet

1. Connect **HMP5020** to the Internet.
2. On the Home screen of **HMP5020**, select **[Setup]** > **[Software Upgrade]** > **[Check for Online Upgrades]**.
   ↳ If a firmware update is detected, you are prompted to start the update.
3. Follow onscreen instructions to complete the update.
   ↳ When the update is complete, **HMP5020** switches off automatically, and then switches on again.

## Update the firmware through a USB storage device

1 On your computer, do the following:

① Go to www.philips.com/support to find the latest firmware.

② Search for your model and click on "Software and drivers".

③ Download the firmware update and save the file to the root directory of a USB storage device.

2 On **HMP5020**, do the following:

① Connect the USB storage device.

② On the Home screen, select [Setup] > [Software Upgrade]> [USB upgrade].

↳ If a firmware update is detected, you are prompted to start the update.

3 Follow onscreen instructions to complete the update.

↳ When the update is complete, **HMP5020** switches off automatically, and then switches on again.

**!** Caution

- Keep **HMP5020** powered on and the storage device mounted before the firmware update is complete.

# 8 Troubleshooting

If you contact Philips, you will be asked for the model and serial number of this player. The model number and serial number are at the bottom of this player. Write the numbers here:

Model No. _____
Serial No. _____

**No picture.**

- Refer to the TV user manual for how to select the correct video input channel

**The contents of the USB storage device cannot be read.**

- The format of this USB storage device is not supported.
- The supported memory size is 1TB maximum.
- Make sure that this player supports these files. (Refer to "**Specifications**" > "**Playable media**") .



# 9 Specification

Note

- Specification and design are subject to change without notice.

**Power**

- Input: 100-240V~ 50/60Hz, 15W
- Power consumption: < 15 W
- Power consumption in standby mode: < 1 W

**Supported formats:**

- Video: MPEG 1/2/4(MPEG 4 Part 2), H.264, VC-1, WMV9, X.vid, MKV, RMVB 8/9/10, RM, MPG, AVCHD, AVI, TS, M2TS, TP, IFO, ISO, VOB, DAT, MP4, MPEG, MOV (MPEG 4, H.264), ASF, FLV(640 x 480)
- Audio: Dolby digital, DTS, MPEG Audio, AAC, RA, OGG, MKA, ADPCM, AC3, WMA (V9), MP3, PCM, LPCM
- Picture: .JPEG, JPG, BMP, PNG, GIF (unanimated GIF), TIF, TIFF, HD-JPEG

**HDD & USB support**

- Compatibility: Hi-Speed USB (2.0)
- NTFS, FAT32, FAT, EXT-3, HFS+
- USB MTP support, USB PTP support, USB MSC support

**Subtitle support**

- .srt, .sub, .smi, .ssa, .idx+.sub

Video

- HDMI output: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p24
- Composite video output: 1 Vpp ~ 75 ohm

Audio

- HDMI output
- Optical output
- Analog stereo output
- Signal to noise ratio (1 kHz): > 90 dB (A-weighted)
- Dynamic Range (1 kHz): > 80 dB (A-weighted)
- Frequency response: +/-0.2 dB

Main Unit

- Dimensions (L x W x H): 160 x 91 x 54.1 mm
- Net Weight: 0.34 Kg

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EULA-English (UK)
September 2009

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